

**GOPI BIRLA MEMORIAL SCHOOL (Primary Section)****Year Plan 2023 - 24****Subject: Science****Grade: 4**

	First Term
Month and Days	Topic
April 2023 16 Days	<u>Unit 1 : The Plant life</u> <u>L1 - The Green Plants</u> <ul style="list-style-type: none">➤ Leaf➤ Structure of a leaf➤ How leaf help in making food for plants➤ Food prepared by plants➤ Interdependence among plants and animals➤ Some amazingly different organisms
June 2023 17 Days OA1	<u>L2- How Plants Survive</u> <ul style="list-style-type: none">➤ Adaptation in plants➤ Terrestrial and Aquatic➤ Other Unusual plants➤ Importance of Plants to Humans
July 2023 21 Days PA1	<u>Unit 2 : The Animal Life</u> <u>L3 - Animals and Their Young Ones</u> <ul style="list-style-type: none">➤ Egg-laying animals➤ Birds - I) Structure of a bird's egg II) Life cycle of a hen➤ Water animals- I) Life cycle of frog➤ Insects- Life cycle of a cockroach and butterfly➤ Reptiles➤ Animals that give birth to young ones - I) Mammals II) Mammals take care of their young ones <u>L4 - How Animals Survive</u> <ul style="list-style-type: none">➤ Adaptation to habitat -terrestrial animals, aquatic animals,amphibians,arboreal animals and aerial animals.➤ Adaptation for food- herbivores,carnivores,omnivores,scavengers and parasites.➤ Adaptation for protection➤ Adaptation to behaviour➤ Animals in danger

<p>August 2023 21 Days OA2</p>	<p><u>Unit 3- The Human Body and Its Needs</u></p> <p><u>L5 -Food Our Basic Need</u></p> <ul style="list-style-type: none"> ➤ Food and Nutrition ➤ Roughage and Water ➤ Balanced Diet ➤ Rest,Posture and Exercise ➤ Food Preservation <p><u>L6- Digestion and Role of Microbes</u></p> <ul style="list-style-type: none"> ➤ Teeth ➤ Sets of Teeth ➤ Types of teeth ➤ Structure of Tooth ➤ Care of Teeth ➤ Digestive System ➤ Healthy Eating Habits ➤ Microbes
<p>September 2023 19 Days PA2</p>	<p><u>Unit 3- The Human Body and Its Needs</u></p> <p><u>L7- Keeping Safe</u></p> <ul style="list-style-type: none"> ➤ Safety at Home - Safety in the bathroom,kitchen,stairs,while using electrical devices and during festivals ➤ Safety outside home- Safety at school, playground,swimming pool and road ➤ First aid

	<u>Second Term</u>
October 2023 20 Days OA3	<u>Unit 3- The Human Body and Its Needs</u> L8- Clothes We Wear <ul style="list-style-type: none"> ➤ Why do we need clothes? ➤ How are clothes made? ➤ Care of Clothes ➤ Clothes in our Everyday Life
November 2023 15 Days	<u>Unit 4- Matter and Force</u> <u>L9- Solids, Liquids and Gases</u> <ul style="list-style-type: none"> ➤ Matter ➤ States of Matter ➤ Changing States of Matter ➤ Solute, Solvent and Solution
December 2023 16 Days	<u>Unit -5 Natural Phenomena and Resources</u> <u>L10 -Force, Work and Energy</u> <ul style="list-style-type: none"> ➤ Force ➤ Types of Force ➤ Work ➤ Simple Machines ➤ Energy ➤ Energy can change from one form to another L11- The Solar System <ul style="list-style-type: none"> ➤ The Solar System ➤ Planets ➤ Galaxy ➤ Our Earth ➤ Seasons
January 2024 21 Days PA3 and OA4	<u>Unit -5 Natural Phenomena and Resources</u> L12- Keeping Our Earth Clean <ul style="list-style-type: none"> ➤ Our Earth ➤ How human activities cause pollution? ➤ Types of Waste ➤ Impact of Pollution on Wildlife ➤ Reduce, Reuse and Recycle
February 2024 21 Days PA4	<u>Unit -5 Natural Phenomena and Resources</u> L13 - Air, Water and Weather <ul style="list-style-type: none"> ➤ Weather ➤ More about Air ➤ More about Water ➤ Water Cycle ➤ Making Water Fit for Use
March 2024	PA4